GCCS-I^3
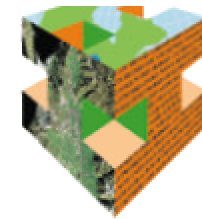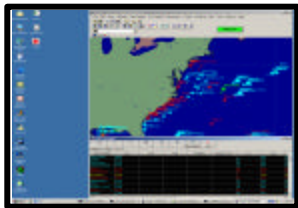
Integrated Imagery & Intelligence
-- Supporting the Joint

GCCS-I^3 provides Common Operational Picture (COP) -centric intelligence and imagery-related capabilities developed by the four Military Services and selected Agencies in response to Joint Warfighter requirements. Through the GCCS-I^3 integration process, these tools provide Intelligence Support to Operations seamlessly within the GCCS family of systems.

GCCS-I^3 enhances the operational commander's **situation awareness** by providing a standard set of integrated, linked tools, and services which give ready access to imagery and intelligence directly from the operational display. This capability to combine the vast resources of the tactical, operational, and national intelligence community with critical command and control information results in an unprecedented level of streamlined intelligence support to operations.

Situational Awareness
COP (DISA)

GCCS-I^3 gives tactical operators and intelligence analysts direct access to the nationally-produced Modernized Integrated Database (MIDB) for **Order of Battle (OOB)** data, weapons systems' characteristics and performance information, and national **imagery**. GCCS-I^3 also gives those users the capability to integrate locally collected tactical imagery and other intelligence with national and theater-produced intelligence. This intelligence can be plotted directly on operational/tactical displays alongside continuously updating operational and operational-intelligence information, providing tactical operators and intelligence analysts vastly improved knowledge of the tactical battlespace.
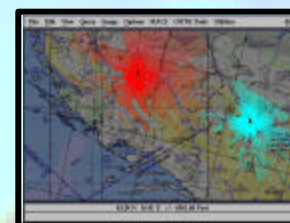

Order of Battle
Intel Office (Navy)

**Imagery**
JIVE (Navy)

**Integrated GCCS-I^3 Display**

Live Video Stream
JIVE (Navy)

Joint Threat Analysis Tools/Ground Template Toolkit (JTAT/GTT) generates terrain suitability and other tactical decision aids based on military aspects of terrain and contributes to Intelligence Preparation of the Battlefield (IPB) analysis. It supports the Joint Force and Component Commanders campaign/mission planning and decision making by identifying, assessing, and estimating the adversary's battlespace center of gravity, critical vulnerabilities, capabilities, limitations, intentions, most likely Courses of Action (COA), and COA most dangerous to friendly forces.
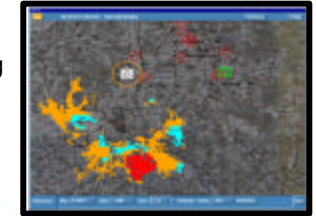
IPB
JTAT/GTT (Army)

Joint Targeting Toolbox (JTT) provides a common standardized, scaleable, and DII-COE compliant set of targeting tools to manage and/or produce targets, target data, and target-derived products and services in response to customer requirements in a manner consistent with targeting mission objectives and warfighter requirements.
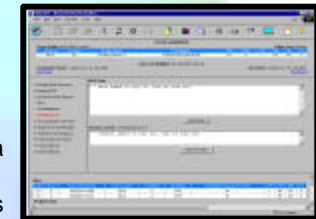
Target Management
JTT (Joint)

Improved Many-On-Many (IMOM) models electronic combat scenarios and can provide threat evaluation. It is a 2-D graphics oriented user-interactive program, which aids in mission planning and IPB analysis. IMOM visually displays the complex interaction of multiple ground based radar systems being acted upon by multiple airborne ECM aircraft. IMOM models the detection capabilities of radar effects, the effects of Stand-Off Jamming platforms, and the effects of Self-Protection Jamming platforms. The model adds the effects of terrain masking and ECM on any OOB, exploits the results to perform a variety of analysis, and provides hard copy post processing in a variety of formats.

EOB

GCCS-I³ Management Structure

- The **Executive Agent (EA)** for GCCS-I³ is the Chief of Naval Operations (CNO N20). The EA interacts with the GCC Management Structure, Intelligence Functional Working Group (IFWG), the DoD Intelligence Community, Services, and other mission partners to set the strategic direction for the GCCS-I3 project.

- The **Project Manager (PM)** for GCCS-I3 is JDISS JPO (ONI-44). The PM coordinates with the GCCS PM, DISA, Services, and other mission partners to ensure that training, life cycle maintenance, and resource issues are identified and acted upon.

- The **Lead Technical Agent (LTA)** for GCCS-I³ The Lead Technical Agent (LTA) for GCCS-I3 is Space and Naval Warfare Systems Command (PMW-157). The LTA works with the segment providers to ensure that a properly integrated, configured, and documented software suite is provided to DISA for inclusion in GCCS.

- The **GCCS-I³ Configuration Control Board (CCB)** is the forum for recommending software builds, tracking software development, and approving Functional Requirements Documents. They set objectives, priorities, and schedules based on the guidance provided by the EA and PM.

- **Sponsoring Services/Select Agencies** provide the GCCS-I³ project team DII COE-compliant software that satisfies Joint operational requirements.

GCCS-I³ Configuration Control Board
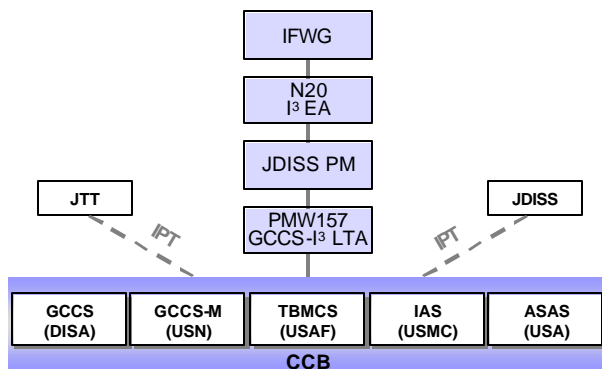
GCCS-I³ Contacts

Executive Agent
CNO (N20)   (703) 601-5123 (DSN 329)

Project Manager
JDISS   (301) 659-4763 (DSN 699)
PM for GCCS-I³

Lead Technical Agent
SPAWAR (PMW-157)   (858) 537-0609 (DSN 577)

Lead Engineer
SSC San Diego D-42   (610) 260-4234

Program Support
Contractor: Maxim   (858) 537-0625 (DSN 577)

DISA
GCCS-I³ Lead   (703) 627-5809

USMC
IAS Project Officer   (703) 784-09977 (DSN 278)

USAF
TBMCS Project Officer   (757) 225-4174

USA
Technical Mgt Division   (703) 704-0352 (DSN 654)
JTAT /GTT

Joint Targeting Toolbox
AFRL/IFEA   (315) 330-4872

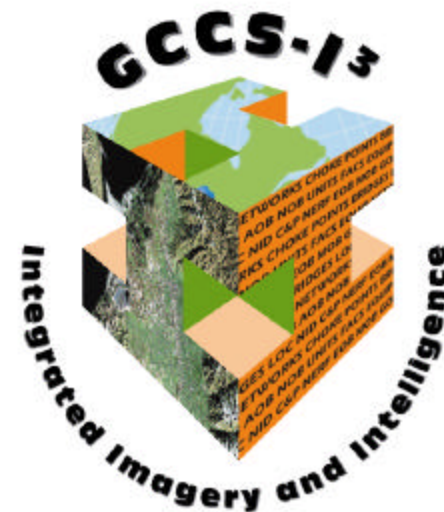# GCCS-I³ Web Sites

General Information & Contacts
https://c4isr.spawar.navy.mil/gccsi3

Requirements Database
https://copernicus.spawar.navy.mil/gccsi3

GCCS Requirements Database (GRiD)
http://grid.nmcc.smil.mil

Software Support (SSA)
http://lurch.nosc.mil

Four Services and Select Agencies providing intelligence support to the Joint Warfighter

Accurate, user-friendly, and immediately accessible Integrated Imagery and Intelligence (I³) capabilities are essential to support the warfighter across all spectrums of conflict.

GCCS Integrated Imagery and Intelligence (GCCS-I³) enhances the operational commanders situation awareness and track management with a standard set of integrated, linked tools, and services that maximize commonality and interoperability across the tactical, theater, and national communities. GCCS-I³ operates in joint and service specific battlespace and is interoperable, transportable, and compliant with the DII COE.